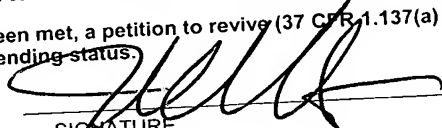


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FORM PCT/IS 1350 (REV. 12-2004)		U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER 428.1049	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. PCT/KR2003/001951		INTERNATIONAL FILING DATE 24 September 2003		PRIORITY DATE CLAIMED 27 September 2002	
TITLE OF INVENTION A VACCINE ENHANCING THE PROTECTIVE IMMUNITY TO HEPATITIS C VIRUS USING PLASMID DNA AND RECOMBINANT ADENOVIRUS					
APPLICANT(S) FOR DO/EO/US SUNG, Young Chul; YOUN, Jin-Won; YANG, Se-Hwan; PARK, Su-Hyung and LEE, Chang Geun					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).					
Items 13 to 23 below concern document(s) or information included:					
<ol style="list-style-type: none">13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.15. <input checked="" type="checkbox"/> A FIRST preliminary amendment.16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.17. <input type="checkbox"/> A substitute specification.18. <input type="checkbox"/> A power of attorney and/or change of address letter.19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).22. <input checked="" type="checkbox"/> Express Mail Label No. EV 576 695 448 US23. <input checked="" type="checkbox"/> Other items or information: Acknowledgement Postcard					

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U.S. APPLICATION NO (if known) 10/528644		INTERNATIONAL APPLICATION NO. PCT/KR2003/001951		ATTORNEY'S DOCKET NUMBER 428.1049	
24. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$	\$500.00
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$	\$1,000.00
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
142 - 100 =	42 /50 =	1	x \$250.00	\$	\$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	37 - 20 =	17	x \$50.00	\$	\$850.00
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$2,100.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$1,050.00
SUBTOTAL =				\$	\$1,050.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$1,050.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$40.00
TOTAL FEES ENCLOSED =				\$	\$1,090.00
Amount to be refunded:				\$	
Amount to be charged:				\$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2275 . A duplicate copy of this sheet is enclosed.					
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Michael N. Mercanti MUSERLIAN, LUCAS & MERCANTI, LLP 475 Park Avenue South New York, New York 10016 Phone: 212-661-8000 Fax: 212-661-8002					
SIGNATURE					
NAME				Michael N. Mercanti	
REGISTRATION NUMBER				33,966	

10/528644

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Docket No.

Applicant(s): SUNG, Young Chul, et al.

JC05 Rec'd PCT/PTO 134 MAR 2005

Application No. To be assigned	Filing Date Herewith	Examiner Unknown	Customer No. 20311	Group Art Unit Unknown
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Invention: A VACCINE ENHANCING THE PROTECTIVE IMMUNITY TO HEPATITIS C VIRUS USING PLASMID DNA AND RECOMBINANT ADENOVIRUS

I hereby certify that the following correspondence:

Form PTO-1390 (2 pages, page 2 in duplicate)

(Identify type of correspondence)

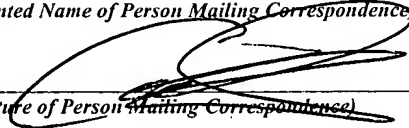
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 18, 2005

(Date)

Carla Santos

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

EV 576 695 448 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): SUNG, Young Chul, et al.

Docket No.

10/528644

Application No.
To be assignedFiling Date
HerewithExaminer
UnknownCustomer No.
20311Group Art Unit
UnknownInvention: A VACCINE ENHANCING THE PROTECTIVE IMMUNITY TO HEPATITIS C VIRUS USING PLASMID
DNA AND RECOMBINANT ADENOVIRUS

I hereby certify that the following correspondence:

Specification (121 pages) and Figures (21 pages)

(Identify type of correspondence)

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on

March 18, 2005

(Date)

Carla Santos

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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